

### **ABSTRACT OF THE DISCLOSURE**

An apparatus and method for recognizing whether a medium is inserted into or removed from a hot-plug apparatus and generating a hot-plug signal are provided. The hot-plug signal generation apparatus includes a medium insertion unit, which receives a medium and generates a sensor signal when the medium is inserted or removed; a medium control unit which controls the received medium and generates the hot-plug signal; and a switch which outputs the hot-plug signal in response to the sensor signal generated by the medium insertion unit.